



B.N.C.TOOLING Co.,Ltd.

BNCTOOLING.COM
BNCTOOLINGSHOP.COM

69/90 Hatairat Rd., Minburi ,Minburi Bangkok (Thailand) 10510



Vision Measuring Machine

2.5D iVision Vision Measuring Machine

IMS-2010/2515/3020/4030/5040

Model	IMS-2010/2515/3020/4030/5040
Code#	521-170
Accuracy	$\leq 2.5 + L/200(\mu m)$
Standard	GBT 24762
Certificate	Gost,CE



Brief Induction:

iVision is the 2.5D high accuracy geometric vision measuring machines with optical detent zoom lens and Z-axis height measurement function , it is widely applied at the industry of 3C, semiconductor, PCB, automobile parts, medical parts, precise molds, aviation and aerospace, etc.

Product Characteristics

- High precision marble base and pillar ensures the high stability of vision measuring system;
- High precision toothless rod and fast moving locking device ensures repeatability error is less than 2um;
- High precise working stage with 0.5um optical linear scales ensures the accuracy is less than $2.5 + L/200\mu m$;
- High definitive detent zoom lens and high resolution color camera ensures clear image without distortion;
- With programmable surface 4-ring 8-division LED Cold Illumination and contour LED telecentric illumination and built-in intelligent light adjustment, it can automatic control the brightness in the 4-ring 8-division



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Specification

Mode	iMS-2010	iMS-2515	iMS-3020	iMS-4030	iMS-5040
Code#	521-140	521-150	521-160	521-170	521-180
Working Table	270x350mm	408x308mm	458x358mm	608x470mm	650x580mm
Material	Marble Table	Metal Table	Metal Table	Metal Table	Marble Table
Glass Table	142x242mm	306x198mm	356x248mm	456x348mm	541x441mm
X/Y-axis Travel	200x100mm	250x150mm	300x200mm	400x300mm	500x400mm
Z-axis Travel	High-precision linear guide , working travel 200mm				
X/Y/Z-axis Travel	0.0005mm				
X/Y-axis Accuracy	≤2.5+L/200(um)				
Hysteresis Error	2um				
Base and Pillar	High Accuracy Jinan Qing Marble				
Illumination System(Software Adjustment)	Surface: Stepless Adjustable 4-ring 8-division LED Cold Illumination				
	Contour: LED Parallel Illumination				
	LED Laser Navigation Lights				
CCD Camera	High Resolution Digital Camera				
Zoom lens	6.5X High Resolution Detented Zoom Lens				
	Magnification: 0.7X~4.5X; Video Magnification: 26X~172X				
Working Environment	Temperature: 20°C±2°C, change range < 2°C/hr				
	Humidity: 30% ~80%RH				
	Vibration<0.002g, <15Hz				
Measuring Software	iMeasuring 2.1				
Operation System	Support XP, WIN7, WIN8.1, WIN 10, 32/64 operating system				
Language	English, Simplified Chinese, Traditional Chinese, other language versions can be added				
Dimension(W*D*H)	677x552x998mm	790x617x1000mm	838x667x1000mm	1002x817x1043mm	1104x852x1085mm
Net Weight	150Kg	175Kg	185Kg	350Kg	380Kg



Working Cupboard



DELL PC System